

Fixing apparatus

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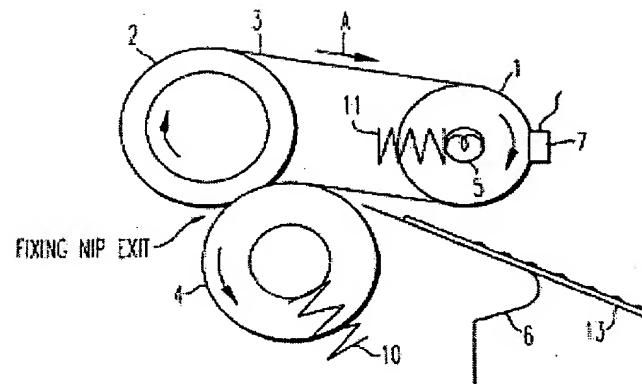
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Abstract of correspondent: **US6055390**

A belt fixing device including a fixing roller, a heating roller, an endless fixing belt spanned around the fixing roller and the heating roller and a pressing roller disposed opposing the fixing roller via the fixing belt, a heater disposed at least in the inside of the heating roller for heating the fixing belt, a heating area where the fixing belt is heated by the heating roller, a fixing area including a first fixing part where the pressing roller contacts the fixing belt without pressing the fixing roller and a second fixing part where the pressing roller presses the fixing roller via the fixing belt, a temperature detect device which detects a surface temperature of the fixing belt in the heating area, and a temperature control device which controls the surface temperature of the fixing belt in the heating area to a prescribed temperature according to a detect result of the temperature detect device. The prescribed temperature includes at least a first prescribed temperature and a second prescribed temperature, the first prescribed temperature being higher than the second prescribed temperature, and the temperature control device changes the first prescribed temperature to the second prescribed temperature when fixing is started after the fixing belt starts rotating upon receiving a start signal to start an image forming operation.



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[54]发明名称 定影装置

[57]摘要

本发明涉及定影装置，设有定影辊2、加热辊1、定影带3、加压辊4、定影带用加热器5，包括加热工序区和由第1、2定影工序部构成的定影工序区，该装置特征在于：设有温度检测装置和温度控制装置，至少设有两个定影带表面设定温度，定影开始时，通过上述温度控制装置，将定影带表面设定温度从可定影的高温侧设定温度切换为可定影的低温侧设定温度。本定影装置能实现定影性的稳定，防止热偏移。

